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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/729,644	11/30/2000	1632	0	760100.450	3	104	7

CONFIRMATION NO. 3051

00500
SEED INTELLECTUAL PROPERTY LAW GROUP PLLC
701 FIFTH AVE
SUITE 6300
SEATTLE, WA 98104-7092

FILING RECEIPT



OC000000005687266

Date Mailed: 01/18/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Glenn Pierce, Rancho Santa Fe, CA;
Lois Ann Chandler, Encinitas, CA;

Continuing Data as Claimed by Applicant

THIS APPLN CLAIMS BENEFIT OF 60/168,470 12/01/1999

Foreign Applications

If Required, Foreign Filing License Granted 01/18/2001

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

Title

In situ bioreactors and methods of use thereof

Preliminary Class

ASSIGNMENT

WHEREAS, we, Glenn Pierce and Lois Ann Chandler (hereinafter referred to as ASSIGNORS), having post office addresses of 14413 Mil Arboles, Rancho Sante Fe, California 92067, and 1814 Blue Bonnet Place, Encinitas, California 92024, respectively, are the joint inventors of an invention entitled "IN SITU BIOREACTORS AND METHODS OF USE THEREOF", as described and claimed in the specification for which an application for United States letters patent was filed on November 30, 2000 and assigned Application No. 09/729,644; which application claims priority to U.S. Provisional Application No. 60/168,470, filed December 1, 1999.

WHEREAS, Selective Genetics, Inc. (hereinafter referred to as ASSIGNEE), a corporation of the State of Delaware having a place of business at 11035 Roselle Street, San Diego, CA 92121-1204, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

3/15/01
Date

Glenn Pierce
Glenn Pierce

State of California)

County of San Diego)

ss.

I certify that I know or have satisfactory evidence that Glenn Pierce is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated March 15, 2001

Signature of
Notary Public Gail PARSONS

Printed Name GAIL PARSONS

My appointment expires 8-9-02



3-13-01
Date

Lois Ann Chandler
Lois Ann Chandler

State of California)

County of San Diego)

SS.

I certify that I know or have satisfactory evidence that Lois Ann Chandler is the person who appeared before me, and said person acknowledged that she signed this instrument and acknowledged it to be her free and voluntary act for the uses and purposes mentioned in the instrument.

Dated March 13, 2001

Signature of
Notary Public Gail Parsons

Printed Name GAIL PARSONS

My appointment expires 8-9-02

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